

# ACUTE CARDIOVASCULAR CARE2015

4TH ANNUAL CONGRESS OF THE ACUTE CARDIOVASCULAR CARE ASSOCIATION

17-19 October 2015, Vienna, Austria



## Saturday, 17 October 2015 - Morning Sessions

08:30 - 10:00

SYMPOSIUM

Zeremoniensaal

### Neurologic emergencies

**Chairperson(s): M. Tubaro (Rome, IT); Y. Hasin (Migdal, IL)**

- 08:30 Stroke networks: what was gained so far.  
*W. Lang (Vienna, AT)*
- 08:52 Prevention of ischemic and hemorrhagic stroke: a case for NOAC selection?  
*H. Darius (Berlin, DE)*
- 09:15 In whom, when and how re-install antithrombotic therapy in TIA/stroke.  
*G. Y. H. Lip (Birmingham, GB)*
- 09:37 Acute interventions in cerebral aneurysms.  
*A. Gruber (Vienna, AT)*

08:30 - 10:00

MEET THE EXPERTS

Prinz Eugen Saal

### Acute cardiovascular care in the elderly

**Chairperson(s): D. Zahger (Beer Sheva, IL); S. D. Kristensen (Aarhus N, DK)**

- 08:30 How to manage patients with abnormal troponin values.  
*E. Giannitsis (Heidelberg, DE)*
- 08:52 Antithrombotic therapy in the elderly.  
*H. Bueno (Madrid, ES)*
- 09:15 Revascularisation decisions in the elderly: are they different?  
*D. Dudek (Krakow, PL)*
- 09:37 Impact of frailty on decision making.  
*D. M. Walker (Hastings, GB)*

08:30 - 10:00

SYMPOSIUM

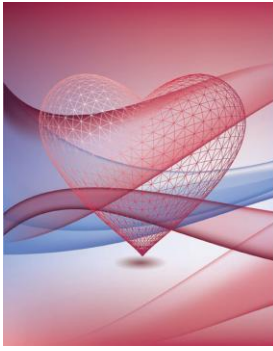
Rittersaal

### End-stage heart failure

**Joint session with the WG on Intensive Care Medicine of the Austrian Society of Cardiology**

**Chairperson(s): W. Grander (Hall, AT); V.L.A.D.I.M.I.R. Gasparovic (Zagreb, HR)**

- 08:30 The pharmacological approach.  
*J. G. F. Cleland (London, GB)*
- 08:52 ECMO.  
*A. Geppert (Vienna, AT)*
- 09:15 Mechanical assist devices.  
*D. Zimpfer (Vienna, AT)*
- 09:37 Heart transplantation update 2015.  
*A. Vorlat (Edegem, BE)*



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08:30 - 10:00

HOW-TO SESSION

Gartensaal

## ACCA SCHOOL: renal replacement

**Chairperson(s): C. Sitzwohl (Wien, AT)**

*Learn the indications of extrarenal depuration, as well as the different modalities and function of haemofilter, which parameters are important and which alarms should make us stop the therapy.*

*Techniques: SCUF (slow ultrafiltration), haemofiltration, haemodiafiltration and dialysis.*

10:15 - 11:45

SYMPOSIUM

Zeremoniensaal

## Non coronary emergencies in acute cardiovascular care

**Chairperson(s): C. J. M. Vrints (Edegem, BE); M. Roffi (Geneva, CH)**

10:15 Novel insights into the mechanisms and management of TakoTsubo cardiomyopathy.

*F. Crea (Roma, IT)*

10:37 Endocarditis: who is a candidate for emergency surgery?

*M. Sousa Uva (Lisbon, PT)*

11:00 Prosthetic valve thrombosis: how to diagnose and treat?

*J. Stepinska (Warsaw, PL)*

11:22 Early TAVI complications.

*S. Windecker (Bern, CH)*

10:15 - 11:45

HOW-TO SESSION

Prinz Eugen Saal

## Friend or foe: troponin elevation

**Chairperson(s): A. Jaffe (Rochester, US); M. Moeckel (Berlin, DE)**

10:15 Gender: why is troponin different, and does it matter?

*B. Lindahl (Uppsala, SE)*

10:37 Non-coronary troponin elevations.

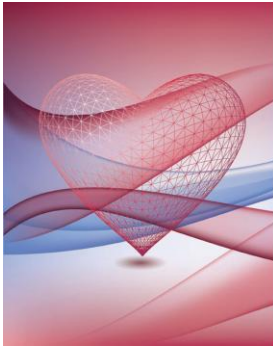
*K. Thygesen (Aarhus, DK)*

11:00 Rapid ACS rule out in the emergency room: speed vs. accuracy.

*C. E. Mueller (Basel, CH)*

11:22 How should we define a significant rise in troponin.

*J. Mair (Innsbruck, AT)*



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10:15 - 11:45

SYMPOSIUM

Rittersaal

**Emergency medicine pre vs in-hospital**

**Joint session with the Austrian Association of Emergency Medicine**

**Chairperson(s): P. Eisenburger (Vienna, AT); P. Goldstein (Lille Cedex, FR)**

10:15 Pre-hospital ECMO for refractory cardiac arrest.

*A. Schober (Vienna, AT)*

10:37 Malignant arrhythmias.

*M. Stuehlinger (Innsbruck, AT)*

11:00 Cooling strategies.

*M. Noc (Ljubljana, SI)*

11:22 Telemedicine: does it really make a difference ?

*S. Postma (Zwolle, NL)*

10:15 - 11:45

SYMPOSIUM

Gartensaal

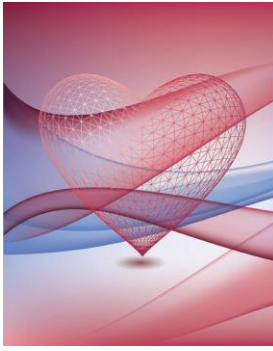
**ACCA SCHOOL: invasive ventilation: basics introduction to mechanical ventilation**

**Chairperson(s): M. White (London, GB)**

- *Non-invasive ventilation*

- *Invasive ventilation*

*Learn to use a ventilator, which types of ventilation exist and which are the different parameters to adjust (tidal volume, PEEP, etc) and how to do the weaning*



# ACUTE CARDIOVASCULAR CARE2015

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## Saturday, 17 October 2015 - Afternoon Sessions

13:30 - 15:00

SYMPOSIUM

Zeremoniensaal

### Unmet needs in medical therapies for atrial fibrillation

**Chairperson(s): K. Huber (Vienna, AT); F. Schiele (Besancon, FR)**

13:30 Is there a future role for pacemaker therapy in atrial fibrillation?

*M. Nuernberg (Vienna, AT)*

13:52 What is the current role of new oral anticoagulants (or VKAs) in the early acute management of atrial fibrillation?

*H. Darius (Berlin, DE)*

14:15 Navigating the alphabet soup of acronyms: CHADS2, CHA2DS2-VASc, R2CHADS2, HAS-BLED, HEMORR2AGES, SAME-TT2R2 .

*G. Y. H. Lip (Birmingham, GB)*

14:37 High sensitive cardiac troponin and other biomarkers in atrial fibrillation.

*A. Jaffe (Rochester, US)*

13:30 - 15:00

SYMPOSIUM

Prinz Eugen Saal

### Cardiac arrest in the modern era

**Joint session with the European Resuscitation Council (ERC)**

**Chairperson(s): C. Sitzwohl (Wien, AT); N. Nikolaou (Athens, GR)**

13:30 Controversies in early management after out of hospital cardiac arrest.

*M. Noc (Ljubljana, SI)*

13:52 Update from the 2015 ILCOR guidelines.

*L. L. Bossaert (Boechout, BE)*

14:15 The role of routine coronary angiography after cardiac arrest.

*C.H. Hassager (Copenhagen, DK)*

14:37 How and when to assess neurologic prognosis after cardiac arrest.

*E. A. Lopez De Sa Y Areses (Madrid, ES)*

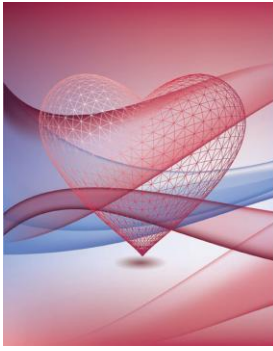
13:30 - 15:00

SPECIAL SESSION

Rittersaal

### ACCA Research Prize

**Chairperson(s): H. Bueno (Madrid, ES); I. Ahrens (Freiburg, DE); F. Vasques-Novoa (Porto, PT)**



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13:30 - 15:00

HOW-TO SESSION

Gartensaal

## Update in ST-elevation myocardial infarction

**Chairperson(s): U. Zeymer (Ludwigshafen, DE); A. Viana Tejedor (Madrid, ES)**

*Learn about optimal prehospital and interventional treatment of STEMI and know the management of the main potential complications.*

13:30 Pre-hospital management.

*F. Beygui (Caen, FR)*

13:52 Timelines, current role of thrombolysis.

*P. Goldstein (Lille Cedex, FR)*

14:15 Revascularisation strategies.

*G. Delle-Karth (Vienna, AT)*

14:37 Special circumstances, mechanical complications and tamponade.

*H. Thiele (Luebeck, DE)*

15:00 - 16:00

MODERATED POSTERS

Moderated Poster

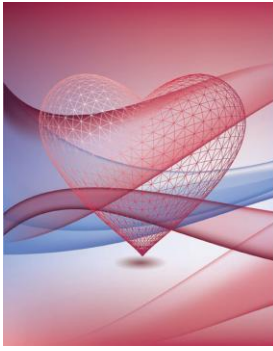
## Moderated Poster Session 1: acute heart failure, cardiac shock, SCD

**Chairperson(s): L. De Luca (Roma, IT); P. Henry (Paris Cedex 10, FR)**

*Posters are on display for the entire day 08:30 - 18:00*

*During the moderated poster session (15:00 - 16:00) Presenters will summarise their research within 3 minutes and then address questions from the Chairpersons and Audience.*

- Validation of a risk-prediction tool for severe heart failure in the setting of non-ST elevation acute coronary syndrome
- Predicting neurological outcome of survivors after a sudden cardiac death with a quick score on admission
- Circulating endothelial-derived microparticles as a marker of clinical outcomes in acutely decompensated heart failure patients  
*A. Berezin (Zaporozhye, UA)*
- Confusion - a predictor of poor outcome in cardiogenic shock patients  
*A. Kataja (Helsinki, FI)*
- Urinary output predicts outcome in patients undergoing extracorporeal membrane oxygenation  
*K. Distelmaier (Vienna, AT)*
- Procedural and clinical results for urgent transcatheter aortic valve implantation in patients with critical symptomatic aortic stenosis  
*U. Landes (Tel Aviv, IL)*
- Prognostic value of right ventricular myocardial involvement in hypertrophic cardiomyopathy: an ultrasound speckle-tracking analysis.
- In-hospital and medium-term prognosis of Takotsubo cardiomyopathy. A portuguese multicentre study



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16:00 - 17:30

SYMPOSIUM

Zeremoniensaal

## Acute coronary syndromes in special populations.

**Chairperson(s): H. Darius (Berlin, DE); D. M. Walker (Hastings, GB)**

- 16:00 The patient with anaemia.  
*M. Lettino (Milano, IT)*
- 16:22 The patient with renal insufficiency.  
*S. Gevaert (Gent, BE)*
- 16:45 The diabetic patient.  
*S. Windecker (Bern, CH)*
- 17:07 Agitation and delirium in octogenarians.  
*H. Bueno (Madrid, ES)*

16:00 - 17:30

SYMPOSIUM

Prinz Eugen Saal

## Non invasive point of care imaging in acute cardiovascular care

Joint session with the European Association of Cardiovascular Imaging of the ESC (EACVI)

**Chairperson(s): C. Loewe (Vienna, AT); S. Matetzky (Ramat Gan, IL)**

- 16:00 Point-of-care imaging in acute chest pain: what, when, where and by whom.  
*S. Price (London, GB)*
- 16:22 Non-invasive assessment of acute valvular dysfunction.  
*B. Cosyns (Braine L'alleud, BE)*
- 16:45 Point-of-care ultrasound in resuscitation and cardiac arrest management.  
*A. N. Neskovic (Belgrade, RS)*
- 17:07 Echocardiographic assessment of pulmonary emboli and right ventricular failure.  
*A. Shimony (Beer Sheva, IL)*

16:00 - 17:30

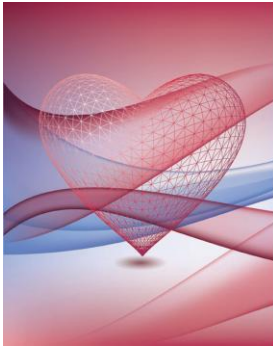
RAPID FIRE ABSTRACT

Rittersaal

## Rapid Fire "Best abstracts and Innovations"

**Chairperson(s): P. Vranckx (Hasselt, BE); D. Zahger (Beer Sheva, IL)**

- 16:00 Predicting the risk of 3-day mortality of patients with acute heart failure at emergency department: the 3D-EAHFE scale
- 16:09 Contemporary real world use of the novel P2Y12 inhibitors in patients with an acute myocardial infarction. A treatment paradox  
*R. Beigel (Ramat Gan, IL)*
- 16:18 Nt-probnp shows diagnostic accuracy for atrial fibrillation in patient with stroke
- 16:27 C-reactive protein at admission is an independent predictor of major complications and need for emergent surgery in infective endocarditis patients: a protocol based prospective observational study  
*S. Mohanan (Calicut, IN)*
- 16:36 Echocardiographic assessment of global longitudinal right ventricular function in patients with an acute inferior ST elevation myocardial infarction and proximal right coronary artery occlusion  
*M. Hutyra (Olomouc, CZ)*
- 16:45 Left atrial dysfunction as a correlate of the occurrence of supra-ventricular arrhythmia in hypertrophic cardiomyopathy: Strain 2D analysis  
*R. Ben Said (Tunis, TN)*



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- 16:54 ECG evaluation in patients with pacemaker and suspected ACS: which score to apply?  
*P. Freitas (Lisbon, PT)*
- 17:03 PCWP: Is there a need for a standardized loop diuretics regimen monitoring in ADHF patients?  
*I. Sharka (Tirana, AL)*
- 17:12 Transient new-onset atrial fibrillation is a significant independent predictor of poor clinical outcomes in patients with acute myocardial infarction
- 17:21 The role of toll-like receptors (TLRs) in myocardial infarction and their connection with AMP-activated protein kinase (AMPK)  
*A. Garjani (Tabriz, IR)*

16:00 - 17:30

HOW-TO SESSION

Gartensaal

## Update in NSTEMI-ACS

Session supported with an unrestricted educational grant from AstraZeneca

Chairperson(s): **M. Roffi (Geneva 14, CH); C. Held (Uppsala, SE)**

*Learn about diagnosis, risk stratification as well as pharmacologic and interventional therapy of NSTEMI patients*

- 16:00 Troponins and novel biomarkers.  
*C. E. Mueller (Basel, CH)*
- 16:22 Prognosis and risk prediction.  
*U. Zeymer (Ludwigshafen, DE)*
- 16:45 Antithrombotic and antiplatelet therapy.  
*K. Huber (Vienna, AT)*
- 17:07 Treatment options: when to intervene?  
*C. J. M. Vrints (Edegem, BE)*

17:40 - 18:30

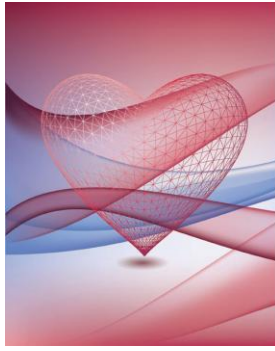
SPECIAL EVENT

Zeremoniensaal

## Inaugural Session

Chairperson(s): **H. Bueno (Madrid, ES); M. Lettino (Milano, IT)**

- 17:40 Welcome on behalf of the Acute Cardiovascular Care Association of the ESC.
- 17:45 Welcome on behalf of the European Society of Cardiology.
- 17:50 Welcome to Acute Cardiovascular Care 2015.
- 17:55 Keynote lecture: "The history of the fight against coronary thrombosis".
- 18:15 ACCA special awards.
- 18:25 Closing remarks.



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## Sunday, 18 October 2015 - Morning Sessions

08:30 - 10:00

DEBATE SESSION

Zeremoniensaal

### Optimal choice and timing of antithrombotic therapy in ACS

Chairperson(s): **K. Huber (Vienna, AT); J. A. C. Morais (Leiria, PT)**

- 08:30 All patients with ACS should receive their loading P2Y12 inhibitor at first medical contact: PRO.  
*H. Bueno (Madrid, ES)*
- 08:52 All patients with ACS should receive their loading P2Y12 inhibitor at first medical contact: CONTRA.  
*C. Held (Uppsala, SE)*
- 09:15 All patients with STEMI should receive bivalirudin at first medical contact: PRO.  
*U. Zeymer (Ludwigshafen, DE)*
- 09:37 All patients with STEMI should receive bivalirudin at first medical contact: CONTRA.  
*H. Schuehlen (Berlin, DE)*

08:30 - 10:00

HOW-TO SESSION

Prinz Eugen Saal

### Diagnostic tools in the management of acute heart failure

Chairperson(s): **G. Keren (Tel Aviv, IL); V.L.A.D.I.M.I.R. Gasparovic (Zagreb, HR)**

- 08:30 Natriuretic peptides.  
*J. Mair (Innsbruck, AT)*
- 08:52 Echocardiography and lung ultrasound.  
*L. Gargani (Pisa, IT)*
- 09:15 Is there still a role for invasive monitoring?  
*E. A. Lopez De Sa Y Areses (Madrid, ES)*
- 09:37 Non invasive hemodynamic monitoring.  
*J. G. F. Cleland (London, GB)*

08:30 - 10:00

SYMPOSIUM

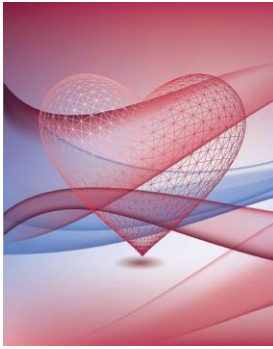
Rittersaal

### Is there a role for platelet reactivity testing in patients with CAD treated with P2Y12 inhibitors?

Chairperson(s): **S. D. Kristensen (Aarhus N, DK); F. Schiele (Besancon, FR)**

- 08:30 Testing platelet reactivity in patients undergoing PCI to predict stent thrombosis: for whom?  
*L. Bonello (Marseille, FR)*
- 08:52 Testing platelet reactivity in patients undergoing PCI to predict bleeding: for whom?  
*D. Sibbing (Munich, DE)*
- 09:15 Testing platelet reactivity in patients planned for CABG to optimize the timing of surgery.  
*E. Mahla (Graz, AT)*
- 09:37 Testing for reticulated immature platelets as a marker of thrombotic risk.  
*E. Lev (Ramat Hasharon, IL)*





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08:30 - 10:00

HOW-TO SESSION

Gartensaal

## Update in cardiac shock

**Chairperson(s): J. Poess (Luebeck, DE); M. Lettino (Milano, IT)**

*Learn about the pathophysiology, pharmacologic and interventional treatment of cardiogenic shock as well as about mechanical assist devices.*

08:30 Pathophysiology and multi-organ dysfunction, role of microcirculation.

*I. M. Lang (Vienna, AT)*

08:52 Pharmacologic treatment, choice of catecholamines.

*I.C.C. van der Horst (Groningen, NL)*

09:15 Mechanical assist devices.

*S. Price (London, GB)*

09:37 Revascularisation: multi-vessel vs. culprit lesion.

*H. Thiele (Luebeck, DE)*

10:30 - 12:00

MEET THE EXPERTS

Zeremoniensaal

## Developments in non-STEMI

**Chairperson(s): H. Bueno (Madrid, ES); H. Schuehlen (Berlin, DE)**

10:30 Risk assessment.

*F. Schiele (Besancon, FR)*

10:52 Guidelines update

*M. Roffi (Geneva 14, CH)*

11:15 Biomarkers other than troponin: role of copeptin

*M. Moeckel (Berlin, DE)*

11:37 Chest pain units.

*S. Matetzky (Ramat Gan, IL)*

10:30 - 12:00

SYMPOSIUM

Prinz Eugen Saal

## Organ dysfunction in acute heart failure

**Joint session with the Heart Failure Association (HFA) of the ESC**

**Chairperson(s): S. D. Anker (Gottingen, DE); A. Parkhomenko (Kiev, UA)**

10:30 Pulmonary oedema.

*J. Masip (Barcelona (St Joan Despi), ES)*

10:52 Cardiohepatic syndrome.

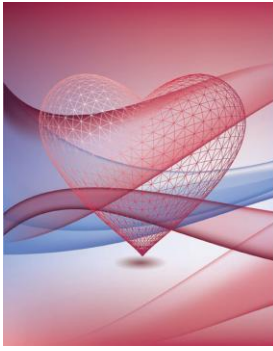
*A. Mebazaa (Paris, FR)*

11:15 Cardiorenal syndrome.

*S. Gevaert (Gent, BE)*

11:37 Electrolytes and metabolic disorder.

*S. Price (London, GB)*



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10:30 - 12:00

MEET THE EXPERTS

Rittersaal

## Management of deep venous thrombosis/pulmonary embolism

**Chairperson(s): G. Y. H. Lip (Birmingham, GB); A. M. A. Magdy (Maadi, EG)**

- 10:30 Challenges in the diagnosis and risk stratification of pulmonary embolism.  
*I. M. Lang (Vienna, AT)*
- 10:52 Efficacy and safety of novel oral anticoagulants for VTE/PE - knowledge and gaps.  
*A. Shimony (Beer Sheva, IL)*
- 11:15 Thrombolysis in pulmonary embolism.  
*P. Goldstein (Lille Cedex, FR)*
- 11:37 The role of the surgeon.  
*A. D'Armini (Pavia, IT)*

10:30 - 12:00

HOW-TO SESSION

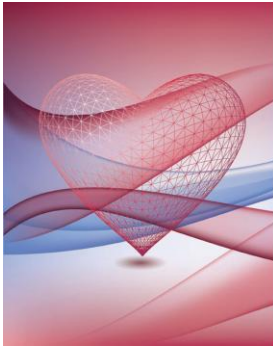
Gartensaal

## Update in cardiac arrest

**Chairperson(s): P. Vranckx (Hasselt, BE); K.A. Krychtiuk (Vienna, AT)**

*Learn about specific tools and techniques for an optimal management of cardiac arrest.*

- 10:30 CPR: role of adrenaline? Role of monitoring (etCO<sub>2</sub>) and mechanical devices.  
*T. Graf (Lubeck, DE)*
- 10:52 Therapeutic hypothermia.  
*G.K. Olivecrona (Lund, SE)*
- 11:15 Post resuscitation care and role of urgent angiography.  
*G. Fuernau (Luebeck, DE)*
- 11:37 Extracorporeal membrane oxygenation in cardiac arrest.  
*W. S. Speidl (Vienna, AT)*



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## Sunday, 18 October 2015 - Afternoon Sessions

13:45 - 15:15

SYMPOSIUM

Zeremoniensaal

### Pre-hospital management of ACS

**Chairperson(s): K. Huber (Vienna, AT); F. Beygui (Caen, FR)**

- 13:45 Pre-hospital management of arrhythmias.  
*F. Aienza Fernandez (Madrid, ES)*
- 14:07 Dual antiplatelet therapy in the pre-hospital setting.  
*S. Postma (Zwolle, NL)*
- 14:30 Pre-hospital fibrinolysis: is it still an option?  
*N. Danchin (Paris, FR)*
- 14:52 STEMI networks: a European perspective  
*S. Halvorsen (Oslo, NO)*

13:45 - 15:15

SYMPOSIUM

Prinz Eugen Saal

### Acute heart failure in special situations

**Chairperson(s): S. Price (London, GB); C. E. Mueller (Basel, CH)**

- 13:45 Acute right ventricular failure.  
*A. Mebazaa (Paris, FR)*
- 14:07 Aortic stenosis.  
*M. Roffi (Geneva 14, CH)*
- 14:30 Severe mitral regurgitation.  
*G. Maurer (Vienna, AT)*
- 14:52 Post-discharge management of co-morbidities.  
*S. D. Anker (Göttingen, DE)*

13:45 - 15:15

SYMPOSIUM

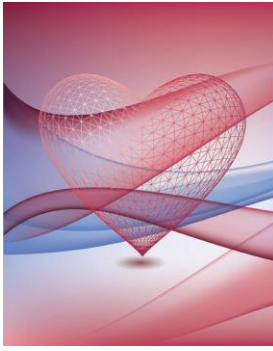
Rittersaal

### Arrhythmias in acute cardiovascular care

**Joint session with the European Heart Rhythm Association of the ESC (EHRA)**

**Chairperson(s): C. Leclercq (Rennes, FR); D. Zahger (Beer Sheva, IL)**

- 13:45 Management of electrical storm.  
*C. Carbucchio (Milan, IT)*
- 14:07 Who needs a pacemaker after TAVI.  
*M. Nuernberg (Vienna, AT)*
- 14:30 Pacemaker and ICD malfunction: common causes and management.  
*T. Lewalter (Munich, DE)*
- 14:52 Acute onset of atrial fibrillation: how to manage.  
*F. Aienza Fernandez (Madrid, ES)*



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13:45 - 15:15

CLINICAL CASES

Gartensaal

## Management of arrhythmias

Joint session with Young ACCA and Young Emergency Medicine Doctors (YEMD)

**Chairperson(s): A. Bellou (Boston, US); F. Schiele (Besancon, FR); P. Serpytis (Vilnius, LT)**

13:45 Acute management of supraventricular tachycardia: case.

*M. Schoos (Klampenborg, DK)*

14:15 Ventricular tachycardia, electrical storm: case.

*A. Vischer (London, GB)*

14:45 Management of bradycardia: case.

*R. Leto (Hasselt, BE)*

15:15 - 16:15

MODERATED POSTERS

Moderated Poster

## Moderated Poster Session 2: acute coronary syndromes (STEMI, Non -STEMI)

**Chairperson(s): E. Zima (Budapest, HU); J. M. V. Mimoso (Faro, PT)**

Posters are on display for the entire day 08:30 - 18:00 -

During the moderated poster session (15:15 - 16:15) Presenters will summarise their research within 3 minutes and then address questions from the Chairpersons and Audience.

- Prevalence of acute aortic dissection in the entire metropolitan area of Tokyo

*H. Yoshino (Tokyo, JP)*

- The effect of catheter based revascularization strategy on 1-year mortality in ST-segment elevation acute coronary syndrome patients with multi-vessel coronary disease without cardiogenic shock.

*Z. Iakobishvili (Petach Tikva, IL)*

- TIMI flow in STEMI patients treated with ticagrelor, clopidogrel or prasugrel in the prehospital settings

- Discharge of chest pain patients from emergency care to a chest pain clinic: an observational study of referral source and final diagnosis.

*S. J. Ingram (Dublin, IE)*

- Comparison of main clinical parameters and outcomes between groups of patients with type 1 and 2 myocardial infarction

- Characterization of the observational zone of the 1h-hs-cTn-algorithm in the early diagnosis of acute myocardial infarction

*T. Nestelberger (Basel, CH)*

- Sexuality after a cardiovascular event: a hidden issue.

16:15 - 17:45

SYMPOSIUM

Zeremoniensaal

## Risk and management of bleeding in ACS

Joint session with the ESC Working Group on Thrombosis

**Chairperson(s): S. Halvorsen (Oslo, NO); N. Danchin (Paris, FR)**

16:15 Risk and prognostic impact of bleeding.

*J. A. C. Morais (Leiria, PT)*

16:37 Bleeding on P2Y12 inhibitors: management.

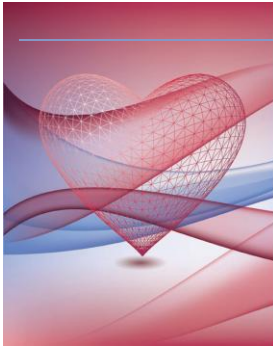
*S. D. Kristensen (Aarhus N, DK)*

17:00 Bleeding on anticoagulants: management.

*J. Stepinska (Warsaw, PL)*

17:22 Urgent surgery in patients on combined antithrombotic therapy: walking the tight rope.

*R. Rossini (Bergamo, IT)*



# ACUTE CARDIOVASCULAR CARE2015

4TH ANNUAL CONGRESS OF THE ACUTE CARDIOVASCULAR CARE ASSOCIATION

17-19 October 2015, Vienna, Austria



16:15 - 17:45

SYMPOSIUM

Prinz Eugen Saal

## Controversies in the management of cardiogenic shock

**Chairperson(s): P. Vranckx (Hasselt, BE); A. Geppert (Vienna, AT)**

- 16:15 How to optimise hemodynamic management: vasopressors, inotropes and fluidotherapy. Pulmonary artery catheter and other.  
*I.C.C. van der Horst (Groningen, NL)*
- 16:37 IABP: still useful or should we bury it?  
*A. Sionis (Barcelona, ES)*
- 17:00 Complete versus culprit lesion revascularisation.  
*H. Thiele (Luebeck, DE)*
- 17:22 Role of device therapy.  
*S. Price (London, GB)*

16:15 - 17:45

SYMPOSIUM

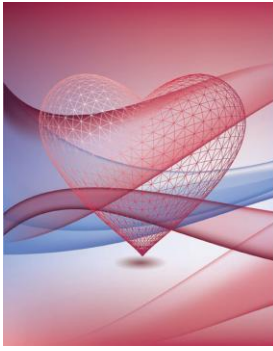
Rittersaal

## Inflammation and atherothrombosis in ACS

Joint session with the Cluster for Cardiovascular Research of the Ludwig Boltzmann Society of Austria

**Chairperson(s): B. Casadei (Oxford, GB); I. Ahrens (Freiburg, DE)**

- 16:15 Innate immunity in myocardial ischaemia/reperfusion injury.  
*L. Badimon (Barcelona, ES)*
- 16:40 Monocyte and macrophage subsets and plaque rupture in ACS.  
*J. Wojta (Vienna, AT)*
- 17:05 The relationships among inflammatory cytokines and monocyte subsets in patients with acute myocardial infarction treated invasively.  
*A. Tycinska, E. Idzkowska, M. Rusak, P. Miklasz, A. Eljaszewicz, E. Waszkiewicz, M. Dabrowska, A. Bodzenta-Lukaszyk, W.J. Musial, M. Moniuszko (Bialystok, PL)*
- 17:18 Monocyte subset distribution is associated with mortality of critically ill patients  
*K.A. Krychtiuk, M. Lenz, L. Wutzlhofer, K. Huber, G. Maurer, G. Heinz, J. Wojta, W.S. Speidl (Vienna, AT)*
- 17:31 Differential regulation of pro-angiogenic microRNAs in patients with first-time anterior STEMI.  
*M. Hortmann, M. Mohr, C. Schoenichen, M. Mauler, F. Pankratz, C. Jaenich, S. Grundmann, C. Bode, I. Ahrens (Freiburg, DE)*



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16:15 - 17:45

YOUNG INVESTIGATORS AWARDS ABSTRACTS

Gartensaal

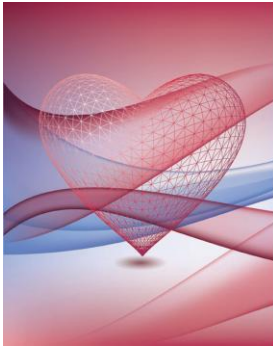
## Young Investigators Award Session

**Chairperson(s): J. Holfeld (Innsbruck, AT); E. Bonnefoy-Cudraz (Bron, FR)**

Judge(s): D. Zahger (Beer Sheva, IL); J. A. Barrabes (Barcelona, ES); F. Schiele (Besancon, FR); U. Zeymer (Ludwigshafen, DE); I. M. Lang (Vienna, AT)

*Young researchers will present their findings and research in front of a panel of esteemed judges.*

- 16:15 Circannual pattern and TEMPerature-related incidence of Eletrical STorm: preliminary data from the TEMPEST study  
*F. Guerra (Fano, IT)*
- 16:30 Shock wave treatment reduces neuronal degeneration upon spinal cord ischemia via a Toll-like receptor 3 dependent mechanism  
*D. Lobenwein (Innsbruck, AT)*
- 16:45 Risk stratification in chest pain patients comparison of natriuretic peptides to novel biomarkers of cardiovascular stress  
*C. Sinning (Hamburg DE)*
- 17:00 Early percutaneous balloon atrial septostomy effectively discharge the left heart in children and adults support by venoarterial ECMO  
*A.-E. Baruteau (New York, US)*
- 17:15 Can TAVI patients receive aspirin antithrombotic prophylaxis as patients after surgical aortic bioprosthesis implantation?  
*K. Czerwinska (Warsaw, PL)*
- 17:30 Two hour algorithm for triage towards rule-out and rule-in of acute myocardial infarction using high-sensitivity cardiac troponin I  
*J. Boeddinghaus (Basel, CH)*



# ACUTE CARDIOVASCULAR CARE2015

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## Monday, 19 October 2015 - Morning Sessions

09:00 - 10:30

DEBATE SESSION

Zeremoniensaal

### Challenges in coronary reperfusion in STEMI

Joint session with the European Association of Percutaneous Cardiovascular Interventions of the ESC (EAPCI)

Chairperson(s): **S. D. Kristensen (Aarhus N, DK); U. Zeymer (Ludwigshafen, DE)**

09:00 Culprit only intervention during primary PCI: PRO.

*R. Kornowski (Petach-Tikva, IL)*

09:22 Culprit only intervention during primary PCI: CONTRA.

*A. H. Gershlick (Leicester, GB)*

09:45 Thrombus aspiration for all: PRO.

*U. Zeymer (Ludwigshafen, DE)*

10:07 Thrombus aspiration for all: CONTRA.

*D. Dudek (Krakow, PL)*

09:00 - 10:30

SYMPOSIUM

Prinz Eugen Saal

### Innovations in acute heart failure

Chairperson(s): **C. E. Mueller (Basel, CH); P. Serpytis (Vilnius, LT)**

09:00 Vasodilator therapy in acute heart failure: evidence or non-evidence?

*A. Mebazaa (Paris, FR)*

09:22 Ventricular-arterial coupling in acute heart failure.

*J. Kautzner (Prague, CZ)*

09:45 A novel interatrial decompression device.

*G. Keren (Tel Aviv, IL)*

10:07 Novel mechanical support: the future.

*D. Zimpfer (Vienna, AT)*

09:00 - 10:30

SYMPOSIUM

Rittersaal

### Gender-specific issues in acute cardiovascular care

Chairperson(s): **M. Lettino (Milano, IT); I. M. Lang (Vienna, AT)**

09:00 Specific issues for females patients undergoing cardiac interventions.

*M. Lettino (Milano, IT)*

09:22 The great defibrillator debate.

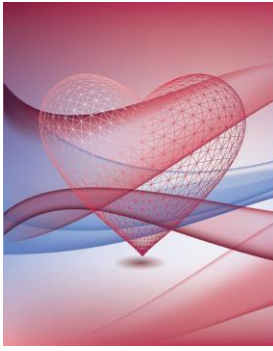
*C. Carbucchio (Milan, IT)*

09:45 Gender gaps in the management of ACS: fact or fiction?

*E. Swahn (Linköping, SE)*

10:07 Hormone replacement therapy: facts and fiction.

*D. Zahger (Beer Sheva, IL)*



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09:00 - 10:30

HOW-TO SESSION

Gartensaal

## Preparatory session for the ACCA certification exam

**Chairperson(s): S. Price (London, GB); S. Gevaert (Gent, BE); J. A. Barrabes (Barcelona, ES)**

*At the end of this session, the cardiologist will:*

*-Understand the different steps and processes required to obtain ACCA certification*

*Part I: theoretical knowledge – the MCQ*

*Part II: the Educational Training Record and logbook*

*-Know the specific areas that ACCA certification requires the applicant to address in preparation for certification*

*-Appreciate how to study for the certification exam – including which textbooks and online materials will be helpful*

*-Develop an approach to answering SBA MCQs*

*-Understand how/where to obtain the required skills and training for completion of the Educational Training Record and logbook*

09:00 Why and how to get accreditation in Acute Cardiac Care?

09:30 The making of ...

10:00 Some examples.

10:30 - 11:30

MODERATED POSTERS

Moderated Poster

## Moderated Poster Session 3: biomarkers, risk stratification, miscellaneous

**Chairperson(s): C. E. Mueller (Basel, CH); J. Mair (Innsbruck, AT)**

*Posters are on display from 08:30 until 12:30*

*During the moderated poster session (10:30 - 11:30) Presenters will summarise their research within 3 minutes and then address questions from the Chairpersons and Audience.*

Long-term prognostic value of cardiac magnetic resonance imaging after a first st-segment elevation myocardial infarction

*G. Nucifora (Udine, IT)*

NICE guidelines 95 vs ESC guidelines in the risk stratification of stable chest pain in a UK district hospital rapid access chest pain clinic: a registry comparison

*J.C. Ball (Air, UK)*

Has a previous diagnosis of stroke / transient ischaemic attack any prognostic value in patients with acute coronary syndromes?

*A. T. Timoteo (Lisbon, PT)*

Cardiac arrest as an age-dependent prognosticator for mortality in patients suffering acute coronary syndrome

*P. Sulzgruber (Vienna, AT)*

Sex-specific vs. overall cut points for a high sensitivity troponin I assay in predicting 1 year outcomes in ED patients presenting with chest pain

*L. Cullen (Brisbane, AU)*

Should glomerular filtration rate be added to TIMI risk score in patients with ST-segment elevation myocardial infarction?

*A. T. Timoteo (Lisbon, PT)*

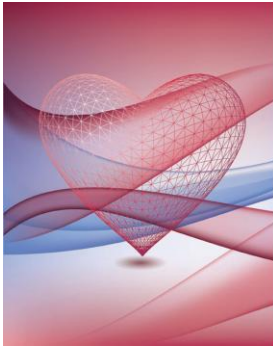
Effect of dialysis on high-sensitivity troponins in stable chronic kidney disease patients

*T. C. Aw (Singapore, SG)*

Antimicrobial peptide LL37/ RNA complexes stimulate Toll-like receptor 3 upon shock wave therapy of ischemic muscle

*C. Tepekoeylue (Innsbruck, AT)*





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11:30 - 13:00

SYMPOSIUM

Zeremoniensaal

## Recent developments in acute aortic syndromes

**Chairperson(s): P. Vranckx (Hasselt, BE); M. Sousa Uva (Lisbon, PT)**

11:30 Aortic dissections: what do the guidelines say?

*C. J. M. Vrints (Edegem, BE)*

11:52 Clinical presentation and the challenge of diagnosis.

*A. Evangelista Masip (Barcelona, ES)*

12:15 Non surgical interventions.

*M. Roffi (Geneva 14, CH)*

12:37 Intramural hematoma.

*U. Sechtem (Stuttgart, DE)*

11:30 - 13:00

HOW-TO SESSION

Prinz Eugen Saal

## Acute management of atrial fibrillation: how, when, why

**Chairperson(s): B. Casadei (Oxford, GB); J. A. C. Morais (Leiria, PT)**

11:30 Acute atrial fibrillation of more than 48 hours: who should be cardioverted? When? How?

*K. Huber (Vienna, AT)*

11:52 Imaging of left atrial appendix thrombus in acute atrial fibrillation: CT vs. TEE.

*C. Loewe (Vienna, AT)*

12:15 New onset atrial fibrillation in acute myocardial infarction.

*J. Kautzner (Prague, CZ)*

12:37 Acute atrial fibrillation during/after surgery

*R. Cappato (Rozzano, IT)*

11:30 - 13:00

SYMPOSIUM

Rittersaal

## Pregnancy and acute cardiovascular care

**Chairperson(s): E. Swahn (Linköping, SE); L. Gargani (Pisa, IT)**

11:30 Cardiovascular pharmacotherapy in pregnancy.

*S. Thorne (Birmingham, GB)*

11:52 Pregnancy and valvular heart disease.

*J. W. Roos-Hesselink (Rotterdam, NL)*

12:15 Peri-partum cardiomyopathy.

*P. Seferovic (Belgrade, RS)*

12:37 Cardiovascular emergencies in pregnancy.

*P. Presbitero (Rozzano, IT)*